

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that CHARTER WESTGATE LLC

Located At 1372 CONGRESS ST

Job ID: 2011-09-2237-HVAC

CBL: 191- B-019-001

has permission to Install a Trane HVAC rooftop unit
provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

[Signature] 9/26/11

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
 - **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
 - **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**
1. Close In Inspection
 2. Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUOPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

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Conditions of Approval:

Building

1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
2. The installation must comply with the State of Maine Gas Regulations and ASHRAE 62.1 - 2007
3. This appliance/stove shall be installed, operated and maintained per the manufacturers specifications and the UL listing.

Zoning

1. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
2. This property shall remain a personal service (AnyTime Fitness). Any change of use shall require a separate permit application for review and approval.
3. The B-2 Zone has maximum noise allowances. No noise shall be created that exceeds 55 decibels between the hours of 9:00 pm and 7:00 am. Any valid complaints will necessitate the owner to make mitigating changes to dampen noise to bring it into compliance.

Fire

1. Installation shall comply with City Code Chapter 10.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;
4. NFPA 54, *National Fuel Gas Code*;
5. NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;
6. NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;
7. NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.



SOUND POWER
@ UNIT.

General Data

A decibel is 1/10 of A
bel

Table 7. General data—12½–15 ton high efficiency

	12½ Tons Downflow & Horizontal Units		15 Tons Downflow & Horizontal Units	
	TC*151E3,4,W ^(a)	YC*151E3,4,W ^(a)	TC*181E3,4,W ^(b)	YC*181E3,4,W ^(b)
Cooling Performance^(c)				
Gross Cooling Capacity	149,000	150,000	181,000	181,000
EER ^(d)	12	12	12	12
Nominal cfm / ARI Rated cfm	5000 / 4400	5000 / 4400	6000 / 4800	6000 / 4800
ARI Net Cooling Capacity	148,000	148,000	178,000	178,000
Integrated Energy Efficiency Ratio (IEER) ^(e)	12.6	12.6	13.6	13.6
Percent Capacity @ part load (Stage 1/Stage 2/Stage 3)	35 ^(f) /65/100	35/65/100	^(f) 32/68/100	32/68/100
System Power (kW)	12.33	12.33	14.83	14.83
Compressor				
Number/Type	2 / Scrolls	2 / Scrolls	2 / Scrolls	2 / Scrolls
Sound				
Outdoor Sound Rating (BELS) ^(g) 11.	9.2	9.2	9.2	9.2
Outdoor Coil				
Type	Hi-Performance	Hi-Performance	Hi-Performance	Hi-Performance
Tube Size (in.) OD	0.3125	0.3125	0.3125	0.3125
Face Area (sq. ft.)	35.20	35.20	35.20	35.20
Rows/FPI	3 / 16	3 / 16	3 / 16	3 / 16
Indoor Coil				
Type	Hi-Performance	Hi-Performance	Hi-Performance	Hi-Performance
Tube Size (in.) ID	0.3125	0.3125	0.3125	0.3125
Face Area (sq. ft.)	26.00	26.00	26.00	26.00
Rows/FPI	3 / 15	3 / 15	4 / 15	4 / 15
Refrigerant Control	Short Orifice	Short Orifice	Short Orifice	Short Orifice
Drain Connection Number/Size (in.)	1/1.00 NPT	1/1.00 NPT	1/1.00 NPT	1/1.00 NPT
Outdoor Fan				
Type	Propeller	Propeller	Propeller	Propeller
Number Used/Diameter (in.)	2 / 26	2 / 26	2 / 26	2 / 26
Drive Type/No. Speeds	Direct / 1	Direct / 1	Direct / 1	Direct / 1
cfm	11,000	11,000	10,700	10,700
Number Motors/hp	2 / 0.50	2 / 0.50	2 / 0.50	2 / 0.50
Motor rpm	1,100	1,100	1,100	1,100
Indoor Fan				
Type	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Number Used/Diameter (in.)	1 / 18x18	1 / 18x18	1 / 18x18	1 / 18x18
Drive Type/No. Speeds	Belt / 1	Belt / 1	Belt / 1	Belt / 1
Number Motors	1	1	1	1
Motor hp (Standard/Oversized) ^(h)	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0	3.0 / 5.0
Motor rpm (Standard/Oversized)	1,740 / 3,450	1,740 / 3,450	1,740 / 3,450	1,740 / 3,450
Motor Frame Size (Standard/Oversized)	145T / 145T	145T / 145T	145T / 145T	145T / 145T

Tag Data - Packaged Gas/Electric Rooftop Units (Qty: 1)

Item	Tag(s)	Qty	Description	Model Number
A1	RTU-1	1	12 1/2 Ton Packaged Unitary Gas/Elec	YFD151E3HA

Product Data - Packaged Gas/Electric Rooftop Units

Item: A1 Qty: 1 Tag(s): RTU-1

Gas/electric unit with special factory installed options (FIOPS)
 Downflow airflow
 12 1/2 ton Nominal cooling capacity (High Efficiency)
 208-230 Volt 60 Hertz 3 phase
 High heat capacity
 Downflow economizer with barometric relief
 Flat roofcurb (Fld)
 LP conversion kit (Fld)
 Comparative enthalpy
 Economizer logic module
 2nd-5th Yr Parts warranty less compr
 6th thru 10th Year heat exchanger warranty

Performance Data - Packaged Gas/Electric Rooftop Units

Tags	RTU-1
Design airflow (cfm)	5000
Cooling EDB (F)	80.00
Cooling EWB (F)	67.00
Ent air relative humidity (%)	51.08
Ambient temp (F)	95.00
Evap coil leaving air temp (DB) (F)	58.19
Evap coil leaving air temp (WB) (F)	56.50
Cooling LDB (F)	60.11
Cooling LWB (F)	57.24
Gross total capacity (MBh)	159.67
Gross sensible capacity (MBh)	115.67
Gross latent capacity (MBh)	43.99
Net total capacity (MBh)	149.47
Net sensible capacity (MBh)	105.48
Net sensible heat ratio (Number)	0.71
Evaporator face area (sq ft)	26.00
Evaporator length (in)	78.000
Evaporator height (in)	48.000
Evaporator rows (Each)	3.00
Evaporator fin spacing (Per Foot)	180
Condenser length (in)	106.000
Condenser height (in)	48.000
Condenser rows (Each)	3.00
Condenser fin spacing (Per Foot)	192
Input htg capacity (MBh)	250.00
Output htg capacity (MBh)	203.00
Output htg capacity w/fan (MBh)	213.20
Heating EAT (F)	65.00
Heating LAT (F)	104.28
Heating delta T (F)	37.40
ESP (in H2O)	1.250
Actual ESP (in H2O)	0.260
Indoor mtr operating power (bhp)	3.24
Indoor rpm (rpm)	816
Indoor motor power (kW)	2.41
Outdoor motor power (kW)	1.07
Compressor power (kW)	10.21



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

2011 2011

Received from Auttemp Inc.

Location of Work 1254-1414 Congress (1364)

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: _____

Building (I1) Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other HVAC

CBL: 191 B 019

Check #: 53220 Total Collected \$ 390.00

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy